Index of Claims

Application/Control No.

10/500,170

Examiner

Derek L. Dupuis

Applicant(s)/Patent under Reexamination

IWANEK, WALDEMAR

Art Unit

2883

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected Ν Interference

Appeal Α 0 Objected

| Claim    |          | Date            |             |              |              |  |  |              |          | 1              | Claim |  |          |          |   | -            |   |
|----------|----------|-----------------|-------------|--------------|--------------|--|--|--------------|----------|----------------|-------|--|----------|----------|---|--------------|---|
| Final    | Original | 3/28/05         |             |              |              |  |  |              |          |                |       | Final  | Original |          |   |              |   |
|          | 1        | 1               |             |              |              |  |  |              |          |                | 1     |  | 51       |          |   | _            | t |
|          | 2        | 1               |             |              |              |  |  | Г            |          | Г              | 1     |  | 52       |          |   | Г            | İ |
|          | 3        | 1               |             |              |              |  |  |              |          |                |       |  | 53       |          |   |              | İ |
|          | 4        | 1               |             |              |              |  |  |              |          |                |       |  | 54       |          |   |              | I |
|          | 5        | 1               |             |              |              |  |  |              |          |                | ]     |  | 55       |          |   |              | Ī |
|          | 6        | √               |             |              |              |  |  |              |          |                | ]     |  | 56       |          |   |              | I |
|          | 7        |                 |             |              |              |  |  |              |          |                |       |  | 57       |          |   |              | I |
|          | 8        |                 |             |              |              |  |  |              |          | L              |       |  | 58       |          |   |              | I |
|          | 9        | $oxed{oxed}$    | <u> </u>    | L            | L            |  |  |              |          |                |       |  | 59       |          |   |              | I |
|          | 10       |                 | L           | _            | L            | L  | _  |              |          |                |       |  | 60       |          |   | L            | l |
|          | 11       |                 |             |              |              | L  | _  |              | <u></u>  | L              |       |  | 61       |          |   | L            | 1 |
|          | 12       |                 | <u> </u>    | L            | L            |  | _  |              | L        | <u> </u>       |       |  | 62       |          |   |              | l |
|          | 13       | $oxed{oxed}$    | <u> </u>    | L            | <u> </u>     | _  |  | _            |          | _              |       |  | 63       |          |   |              | l |
|          | 14       | lacksquare      | _           | _            | <u> </u>     |  | <u> </u>   | _            | 匚        |                |       |  | 64       |          |   |              | 1 |
|          | 15       | L               | <u> </u>    |              | <u> </u>     | _  | _  | _            | ╙        | L              |       |  | 65       |          |   |              | ļ |
|          | 16       |                 | _           | <u> </u>     | _            | L_   |  |              | _        | L              |       |  | 66       |          |   | L            | 1 |
|          | 17       |                 | L_          | _            | <u> </u>     |  | <u> </u>   | <u> </u>     | <u> </u> | _              |       |  | 67       |          |   | _            | 1 |
| <u> </u> | 18       |                 | _           | _            | _            | <u> </u>   | L_   |              | _        | <u> </u>       |       |  | 68       |          |   | L            | ļ |
| L        | 19       | _               | _           | _            |              |  | _  |              | _        |                |       |  | 69       |          |   |              | ļ |
|          | 20       | _               |             | L            | <u> </u>     | _  |  |              | _        | _              |       |  | 70       | Ш        |   | L            | 1 |
|          | 21       | <u> </u>        |             | L            | ᆫ            | _  |  |              | L        | <u> </u>       |       |  | 71       |          |   | L            | ļ |
|          | 22       |                 |             | _            | <u> </u>     |  | L  |              | L        |                |       |  | 72       |          |   | Ц.           | ļ |
|          | 23       |                 |             |              |              |  | <u> </u>   |              |          |                |       |  | 73       |          |   |              | ļ |
|          | 24       |                 | _           |              |              | _  | <u> </u>   |              |          |                | Į     |  | 74       |          |   | L.           | ļ |
|          | 25       |                 | _           | _            |              | <u> </u>   | <u> </u>   |              |          |                |       |  | 75       |          |   | L_           | ļ |
|          | 26       | L               | L           | _            | <u> </u>     | <u> </u>   | <u> </u>   |              |          |                | ļ     |  | 76       |          |   | _            | l |
| <u> </u> | 27       |                 | _           | <u> </u>     | <u> </u>     | <u> </u>   | ļ  | _            |          |                | Į.    |  | 77       |          |   | _            | ļ |
| -        | 28       |                 |             | -            | <u> </u>     | ļ  | -  |              | <u> </u> |                | ł     |  | 78       |          |   | ⊢            | ļ |
|          | 29       |                 |             | <u> </u>     | _            | -  | ļ  | _            |          | _              | ļ     |  | 79       |          |   | ⊢            | ļ |
| <u></u>  | 30       |                 | _           | ⊢            | <u> </u>     | <u> </u>   | -  | -            | _        |                | ļ     |  | 80       |          |   | <u> </u>     | l |
| -        | 31       |                 | _           | $\vdash$     | <u> </u>     | <u> </u>   | <u> </u>   | _            |          |                | ļ     | <u> </u>   | 81       |          |   | _            | ļ |
|          | 32       | <u> </u>        | <u> </u>    | -            |              |  | ├-   | -            | _        |                | ł     |  | 82       |          |   | ⊢            | ł |
|          | 33       | _               | <u> </u>    | ⊢            | _            | ┝  | <u> </u>   |              |          |                | ļ     |  | 83       |          |   | _            | ł |
|          | 34       |                 | $\vdash$    | H            | ┝            | ┝  | -  | -            | _        | -              | ł     |  | 84       |          |   | <del> </del> | ł |
|          | 35       | $\vdash$        | $\vdash$    | ⊢            | _            | <del> </del>                                     | -  | $\vdash$     |          | -              | ł     |  | 85       | _        |   | -            | ł |
|          | 36       | $\vdash$        | _           | H            | ┝            | H  | H  | ⊢            |          | -              | ł     |  | 86       | _        |   | -            | ļ |
| <u> </u> | 37       | $\vdash$        | <u> </u>    |              | -            | $\vdash$   | -  | ⊢            | -        |                | 1     |  | 87       | $\vdash$ |   | $\vdash$     | l |
| -        | 38<br>39 | H               | <u> </u>    | H            | -            | $\vdash$   | $\vdash$   | <del> </del> |          | <del> </del> — | ł     | -  | 88       | $\vdash$ | _ | $\vdash$     | ł |
| -        | 40       | H               | $\vdash$    |              | -            | $\vdash$   | <del> </del>                                     | -            |          | -              | {     |  | 89<br>90 | Н        | _ | ⊢            | l |
|          | _        | <del>  </del>   | <u> </u>    | -            |              | ├—   | <del> </del>                                     | ⊢            |          | -              | ł     |  |          | $\vdash$ | _ | $\vdash$     | ł |
| <b>—</b> | 41<br>42 | $\vdash$        | $\vdash$    | H            | $\vdash$     | $\vdash$   | $\vdash$   | -            |          | <del> </del>   | ł     | -  | 91<br>92 | -        |   | $\vdash$     | ł |
|          | 43       | $\vdash$        |             | <del> </del> | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$     |          | -              | ł     |  | 93       | Н        |   | ╁            | l |
| <u> </u> | 44       | $\vdash$        | -           | -            | -            | ├  | $\vdash$   |              | -        |                | ł     |  | 94       | -        | _ | $\vdash$     | ļ |
|          | 45       | -               | $\vdash$    | 1            | $\vdash$     | $\vdash$   | $\vdash$   |              |          |                | 1     | <del>                                     </del> | 95       |          |   | ├            | l |
| -        | 46       | Н               | $\vdash$    | $\vdash$     | $\vdash$     | ┢  | <del>                                     </del> | $\vdash$     | $\vdash$ | <del> </del>   | ł     | <del></del>                                      | 96       | -        |   | $\vdash$     | ł |
|          | 47       | H               | $\vdash$    | H            | <del> </del> | <del>                                     </del> | $\vdash$   | -            | _        | <del> </del>   | ł     | ļ  | 97       | $\vdash$ | - | $\vdash$     | ł |
|          | 48       | $\vdash$        | <del></del> |              | $\vdash$     | ├-   | $\vdash$   | $\vdash$     |          | -              | ł     | <u> </u>   | 98       | $\vdash$ |   | ├            | ł |
| <b>—</b> | 49       | $\vdash \vdash$ | $\vdash$    | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$     |          |                | ł     | -  | 99       | $\vdash$ | _ | $\vdash$     | l |
| -        | 50       | $\vdash$        | Ι—          | $\vdash$     | $\vdash$     | $\vdash$   | ├  | $\vdash$     | $\vdash$ | $\vdash$       | ł     | <u> </u>   | 100      | $\vdash$ |   | $\vdash$     | ł |
|          | , JU     |                 |             |              | Щ            | L  |  |              | Щ.       | L              | J     | L  | 100      | ш        |   |              | 1 |

| Claim    |          | Date     |   |  |          |               |              |              |  |             |  |
|----------|----------|----------|---|--|----------|---------------|--------------|--------------|--|-------------|--|
|          |          |          |   |  |          |               |              | Г            | Γ  |             |  |
| Final    | Original |          |   |  |          |               |              |              |  |             |  |
|          | 51       |          |   |  |          |               |              |              |  |             |  |
| 1        | 52       |          |   |  |          |               |              |              |  |             |  |
|          | 53       |          |   |  |          |               |              |              |  |             |  |
| <b></b>  | 54       |          | _   |  |          |               |              | -            | $\vdash$   |             |  |
|          | 55       | $\vdash$ | Н   |  |          |               |              | $\vdash$     | $\vdash$   |             |  |
| $\vdash$ | 56       | Н        | $\vdash$  | H  |          |               | -            |              | ┝  | -           |  |
|          | 57       |          |   | -  | -        | -             | _            | ⊢            | $\vdash$   | _           |  |
| <u> </u> | 58       | $\vdash$ | $\vdash$  | -  | -        | _             | _            | ⊢            | _  |             |  |
|          |          | ⊢        | $\vdash$  | H  | -        |               | _            | ⊢            | $\vdash$   |             |  |
| -        | 59       | ⊢        | $\vdash$  | H  | -        | _             | _            | ⊢            | _  | _           |  |
| -        | 60       | ⊢        | -   | -  | _        | _             | _            | _            | <u> </u>   |             |  |
| <u> </u> | 61       |          | -   | <u> </u>   | <u> </u> | $\vdash$      | _            | $\vdash$     | $\vdash$   | <u> </u>    |  |
|          | 62       | $\vdash$ | $\vdash$  | $\vdash$   | <b> </b> |               | <b></b>      | <u> </u>     | <u> </u>   | <u> </u>    |  |
| -        | 63       | L        | lacksquare  | H  |          | L_            | Ь_           | <u> </u>     | <u> </u>   | <u> </u>    |  |
| <b></b>  | 64       | ᆫ        | $\vdash$  | $\vdash$   | Ш        | L             |              |              | <u> </u>   | <u> </u>    |  |
| ļ        | 65       | L        | lacksquare  | <u> </u>   | L_       | L             |              | <u> </u>     | <u> </u>   | Щ.          |  |
|          | 66       | L        | $ldsymbol{ld}}}}}}$ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | Ш        | <u> </u>      |              | <u> </u>     | <u> </u>   | Щ.          |  |
|          | 67       |          | $ldsymbol{ld}}}}}}$ |  |          | L             |              | <u> </u>     | <u> </u>   | L_          |  |
|          | 68       |          |   |  |          |               |              |              |  |             |  |
|          | 69       |          |   |  |          |               |              |              |  |             |  |
|          | 70       |          |   |  |          |               |              |              |  |             |  |
|          | 71       |          |   |  |          |               |              | Г            |  |             |  |
|          | 72       |          |   |  |          | _             |              |              |  |             |  |
|          | 73       |          |   |  |          |               | _            | $\vdash$     | $\vdash$   |             |  |
|          | 74       |          |   |  |          |               |              | $\vdash$     |  |             |  |
|          | 75       |          |   |  |          |               |              |              |  |             |  |
|          | 76       |          |   |  |          |               |              | Г            |  |             |  |
|          | 76<br>77 |          |   |  |          |               |              |              |  |             |  |
|          | 78       |          |   |  |          |               |              |              |  |             |  |
|          | 79       | _        | Т   |  |          |               |              | $\vdash$     |  |             |  |
|          | 80       | -        | _   |  |          |               |              | $\vdash$     | -  | _           |  |
|          | 81       | <b>-</b> | Н   | $\vdash$   |          |               | Н            | $\vdash$     |  |             |  |
| $\vdash$ | 82       | ├─       | $\vdash$  | $\vdash$   | $\vdash$ |               | $\vdash$     | $\vdash$     | <del>                                     </del> | $\vdash$    |  |
|          | 83       | -        |   | $\vdash$   |          |               |              | $\vdash$     | -  | -           |  |
| $\vdash$ | 84       |          | H   | $\vdash$   |          | -             | -            | $\vdash$     |  |             |  |
| $\vdash$ | 85       | -        | Η-  | <del>                                     </del> | -        |               | -            | $\vdash$     |  |             |  |
| <u> </u> | 86       | -        | $\vdash$  | -  | _        |               |              | $\vdash$     | H  | -           |  |
|          | 87       | -        | $\vdash$  | -  | -        | -             |              | $\vdash$     | $\vdash$   |             |  |
| <b>—</b> | 88       | $\vdash$ | $\vdash$  | $\vdash$   | $\vdash$ | -             | -            | <del> </del> |  | -           |  |
| $\vdash$ | 89       | -        | $\vdash$  | $\vdash$   | $\vdash$ | -             | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$    |  |
| H-       | 90       | $\vdash$ | $\vdash$  | $\vdash$   | $\vdash$ | $\vdash$      | -            | $\vdash$     | $\vdash$   | Н           |  |
| $\vdash$ | 91       | -        | -   | $\vdash$   |          | $\vdash$      | -            | $\vdash$     |  |             |  |
| $\vdash$ | 92       | -        | $\vdash$  | $\vdash$   | $\vdash$ | $\vdash$      | _            | $\vdash$     | <del></del>                                      | $\vdash$    |  |
| -        | 93       |          | Η-  | $\vdash$   | -        | $\vdash$      | $\vdash$     | -            | $\vdash$   | H           |  |
| $\vdash$ | 94       | -        | $\vdash$  | $\vdash$   | $\vdash$ | Н             | <del> </del> | $\vdash$     | $\vdash$   | H           |  |
| $\vdash$ | 95       | H        | $\vdash$  | -  | $\vdash$ | <del>  </del> | H            | <u> </u>     |  | <del></del> |  |
| $\vdash$ | 96       | -        | H   | H  |          |               | -            | <u> </u>     | ├  |             |  |
|          | 97       | Н        | -   | $\vdash$   | -        |               | $\vdash$     | $\vdash$     | $\vdash$   | H           |  |
| <u> </u> | 98       | $\vdash$ | $\vdash$  |  | -        | $\vdash$      | -            | Ι            | <del>                                     </del> |             |  |
| $\vdash$ |          | $\vdash$ | $\vdash$  | $\vdash$   |          |               | -            | <u> </u>     | -  |             |  |
| <b>—</b> | 99       | $\vdash$ | H   | $\vdash$   |          | -             | <u> </u>     | <u> </u>     | ├  | H           |  |

| Claim |  | Date     |              |          |          |          |          |   |          |          |  |
|-------|--|----------|--------------|----------|----------|----------|----------|---|----------|----------|--|
| 1     |  |          |              |          |          |          |          |   |          | П        |  |
| Final | Original   |          |              |          |          |          |          |   |          |          |  |
|       | 101<br>102<br>103<br>104<br>105<br>106   |          |              |          |          |          |          |   |          |          |  |
|       | 102  |          |              |          |          |          |          |   |          | П        |  |
|       | 103  |          |              |          |          |          |          |   |          | П        |  |
|       | 104  |          |              |          |          |          |          |   |          | П        |  |
|       | 105  |          |              |          |          |          |          |   |          | П        |  |
|       | 106  |          |              |          |          |          |          |   |          |          |  |
|       | 107<br>108<br>109  |          |              |          |          |          |          |   |          |          |  |
|       | 108  |          |              |          |          |          |          |   |          |          |  |
|       | 109  |          |              |          |          |          |          |   |          |          |  |
|       | 110  |          |              |          |          |          |          |   |          |          |  |
|       | 111  |          |              |          |          |          |          |   |          | Ш        |  |
|       | 112<br>113   |          | L_           |          | <u> </u> |          |          |   |          | Ш        |  |
|       | 113  |          | $oxed{oxed}$ | <u> </u> | L        | Ш        |          |   | $\Box$   | Ш        |  |
|       | 114<br>115<br>116<br>117   |          | L            | L        | Ш.       | Ш        |          | Ш |          | Ш        |  |
|       | 115  |          | L            |          |          |          |          |   | $\perp$  | Ш        |  |
|       | 116  |          | <u> </u>     |          |          |          |          |   | _        | Ш        |  |
|       | 117  |          |              |          |          |          |          |   | _        | Ш        |  |
|       | 118<br>119<br>120  |          |              |          |          |          | _        |   |          |          |  |
|       | 119  | _        |              |          |          |          |          |   | _        |          |  |
|       | 120  |          |              |          |          |          |          |   | _        |          |  |
|       | 121  |          |              |          |          |          | -        | _ | <u> </u> |          |  |
|       | 122  | _        | _            |          |          |          | _        | _ | <u> </u> | $\vdash$ |  |
|       | 123  | _        |              |          | _        |          |          |   |          | Ш        |  |
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|       | 125  | _        | _            | _        | _        |          | _        | _ | <u> </u> | $\dashv$ |  |
|       | 120  | -        | _            | $\vdash$ | _        | _        | _        | _ | _        | H        |  |
|       | 127  | -        | -            | _        |          | _        | _        | - | -        |          |  |
|       | 120  | -        | $\vdash$     | _        | _        | $\vdash$ | _        | - |          |          |  |
|       | 121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132 |          | -            | _        |          | _        | _        | _ | _        | Н        |  |
| -     | 131  |          | -            | $\vdash$ | _        | $\vdash$ | _        | - |          | $\vdash$ |  |
|       | 132  | -        | -            |          |          |          |          |   | $\vdash$ | -        |  |
|       | 133  | $\vdash$ |              | $\vdash$ | _        | _        |          |   | $\vdash$ | $\dashv$ |  |
|       | 134  | ⊢        | ┢            | $\vdash$ | _        |          | _        | _ | $\vdash$ |          |  |
|       | 134<br>135   | -        | -            |          |          | -        |          |   | <u> </u> | $\vdash$ |  |
|       | 136  | -        | -            |          |          | -        |          | - | -        | $\vdash$ |  |
|       | 137  | -        | _            | -        | _        |          |          |   | -        | -        |  |
|       | 137<br>138   | Н        |              | $\vdash$ | _        |          |          |   |          | $\vdash$ |  |
|       | 139  |          |              |          |          |          | -        | Н |          | $\vdash$ |  |
|       | 139<br>140   |          |              |          |          |          |          |   | Н        | М        |  |
|       | 141  |          |              |          |          |          | $\vdash$ |   |          | П        |  |
|       | 142  |          |              |          |          |          |          |   |          | П        |  |
|       | 143  |          |              |          |          | П        | П        |   | $\vdash$ | П        |  |
|       | 144  |          |              |          |          | П        |          |   |          |          |  |
|       | 145  | Г        | Г            |          |          |          |          |   |          | П        |  |
|       | 146  |          |              |          |          |          |          |   |          | П        |  |
|       | 147  |          |              |          |          |          |          |   | Г        | П        |  |
|       | 148  | Г        |              |          |          |          |          |   |          | П        |  |
|       | 149  | Ľ.       |              |          |          |          |          |   |          | П        |  |
|       | 150  |          |              |          |          |          |          |   |          |          |  |
|       |  |          |              |          |          |          |          |   |          | _        |  |